

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 09/776,232
Source: FEW16
Date Processed by STIC: 2-16-85

ENTERED



IFW16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/776,232

DATE: 02/16/2005

TIME: 15:41:09

Input Set : A:\MANNK.001CP2.TXT

Output Set: N:\CRF4\02162005\I776232.raw

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4 <110> APPLICANT: Kundig, Thomas M.
5   Simard, John J. L.
7 <120> TITLE OF INVENTION: METHOD OF INDUCING A CTL RESPONSE
10 <130> FILE REFERENCE: MANNK.001CP2
12 <140> CURRENT APPLICATION NUMBER: 09/776,232
13 <141> CURRENT FILING DATE: 2001-02-02
15 <150> PRIOR APPLICATION NUMBER: 09/380,534
16 <151> PRIOR FILING DATE: 1999-09-01
18 <150> PRIOR APPLICATION NUMBER: PCT/US98/14289
19 <151> PRIOR FILING DATE: 1998-07-10
21 <150> PRIOR APPLICATION NUMBER: 08/988,320
22 <151> PRIOR FILING DATE: 1997-12-10
24 <150> PRIOR APPLICATION NUMBER: CA 2,209,815
25 <151> PRIOR FILING DATE: 1997-07-10
27 <160> NUMBER OF SEQ ID NOS: 569
29 <170> SOFTWARE: FastSEQ for Windows Version 4.0
31 <210> SEQ ID NO: 1
32 <211> LENGTH: 9
33 <212> TYPE: PRT
34 <213> ORGANISM: Adenovirus 3
36 <400> SEQUENCE: 1
37 Leu Ile Val Ile Gly Ile Leu Ile Leu
38 1 5
41 <210> SEQ ID NO: 2
42 <211> LENGTH: 10
43 <212> TYPE: PRT
44 <213> ORGANISM: Adenovirus 5
46 <400> SEQUENCE: 2
47 Ser Gly Pro Ser Asn Thr Pro Pro Glu Ile
48 1 5 10
51 <210> SEQ ID NO: 3
52 <211> LENGTH: 9
53 <212> TYPE: PRT
54 <213> ORGANISM: Adenovirus 5
56 <400> SEQUENCE: 3
57 Val Asn Ile Arg Asn Cys Cys Tyr Ile
58 1 5
61 <210> SEQ ID NO: 4
62 <211> LENGTH: 10
63 <212> TYPE: PRT
64 <213> ORGANISM: Adenovirus 5
66 <400> SEQUENCE: 4
67 Ser Gly Pro Ser Asn Ile Pro Pro Glu Ile

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68 1 5 10
71 <210> SEQ ID NO: 5
72 <211> LENGTH: 9
73 <212> TYPE: PRT
74 <213> ORGANISM: CSFV
76 <400> SEQUENCE: 5
77 Glu Asn Ala Leu Leu Val Ala Leu Phe
78 1 5
81 <210> SEQ ID NO: 6
82 <211> LENGTH: 9
83 <212> TYPE: PRT
84 <213> ORGANISM: Dengue virus 4
86 <400> SEQUENCE: 6
87 Thr Pro Glu Gly Ile Ile Pro Thr Leu
88 1 5
91 <210> SEQ ID NO: 7
92 <211> LENGTH: 9
93 <212> TYPE: PRT
94 <213> ORGANISM: EEV
96 <400> SEQUENCE: 7
97 Cys Leu Gly Gly Leu Leu Thr Met Val
98 1 5
101 <210> SEQ ID NO: 8
102 <211> LENGTH: 9
103 <212> TYPE: PRT
104 <213> ORGANISM: EBV
106 <400> SEQUENCE: 8
107 Asn Ile Ala Glu Gly Leu Arg Ala Leu
108 1 5
111 <210> SEQ ID NO: 9
112 <211> LENGTH: 9
113 <212> TYPE: PRT
114 <213> ORGANISM: EBV
116 <400> SEQUENCE: 9
117 Asn Leu Arg Arg Gly Thr Ala Leu Ala
118 1 5
121 <210> SEQ ID NO: 10
122 <211> LENGTH: 9
123 <212> TYPE: PRT
124 <213> ORGANISM: EBV
126 <400> SEQUENCE: 10
127 Ala Leu Ala Ile Pro Gln Cys Arg Leu
128 1 5
131 <210> SEQ ID NO: 11
132 <211> LENGTH: 9
133 <212> TYPE: PRT
134 <213> ORGANISM: EBV
136 <400> SEQUENCE: 11
137 Val Leu Lys Asp Ala Ile Lys Asp Leu

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138 1 5
141 <210> SEQ ID NO: 12
142 <211> LENGTH: 9
143 <212> TYPE: PRT
144 <213> ORGANISM: EBV
146 <400> SEQUENCE: 12
147 Phe Met Val Phe Leu Gln Thr His Ile
148 1 5
151 <210> SEQ ID NO: 13
152 <211> LENGTH: 9
153 <212> TYPE: PRT
154 <213> ORGANISM: EBV
156 <400> SEQUENCE: 13
157 His Leu Ile Val Asp Thr Asp Ser Leu
158 1 5
161 <210> SEQ ID NO: 14
162 <211> LENGTH: 9
163 <212> TYPE: PRT
164 <213> ORGANISM: EBV
166 <400> SEQUENCE: 14
167 Ser Leu Gly Asn Pro Ser Leu Ser Val
168 1 5
171 <210> SEQ ID NO: 15
172 <211> LENGTH: 9
173 <212> TYPE: PRT
174 <213> ORGANISM: EBV
176 <400> SEQUENCE: 15
177 Pro Leu Ala Ser Ala Met Arg Met Leu
178 1 5
181 <210> SEQ ID NO: 16
182 <211> LENGTH: 9
183 <212> TYPE: PRT
184 <213> ORGANISM: EBV
186 <400> SEQUENCE: 16
187 Arg Met Leu Trp Met Ala Asn Tyr Ile
188 1 5
191 <210> SEQ ID NO: 17
192 <211> LENGTH: 9
193 <212> TYPE: PRT
194 <213> ORGANISM: EBV
196 <400> SEQUENCE: 17
197 Met Leu Trp Met Ala Asn Tyr Ile Val
198 1 5
201 <210> SEQ ID NO: 18
202 <211> LENGTH: 9
203 <212> TYPE: PRT
204 <213> ORGANISM: EBV
206 <400> SEQUENCE: 18
207 Ile Leu Pro Gln Gly Pro Gln Thr Ala
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Input Set : A:\MANNK.001CP2.TXT

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208 1 5
211 <210> SEQ ID NO: 19
212 <211> LENGTH: 9
213 <212> TYPE: PRT
214 <213> ORGANISM: EBV
216 <400> SEQUENCE: 19
217 Pro Leu Arg Pro Thr Ala Pro Thr Ile
218 1 5
221 <210> SEQ ID NO: 20
222 <211> LENGTH: 9
223 <212> TYPE: PRT
224 <213> ORGANISM: EBV
226 <400> SEQUENCE: 20
227 Pro Leu Pro Pro Ala Thr Leu Thr Val
228 1 .5
231 <210> SEQ ID NO: 21
232 <211> LENGTH: 9
233 <212> TYPE: PRT
234 <213> ORGANISM: EBV
236 <400> SEQUENCE: 21
237 Arg Met His Leu Pro Val Leu His Val
238 1 5
241 <210> SEQ ID NO: 22
242 <211> LENGTH: 9
243 <212> TYPE: PRT
244 <213> ORGANISM: EBV
246 <400> SEQUENCE: 22
247 Pro Met Pro Leu Pro Pro Ser Gln Leu
248 1 5
251 <210> SEQ ID NO: 23
252 <211> LENGTH: 9
253 <212> TYPE: PRT
254 <213> ORGANISM: EBV
256 <400> SEQUENCE: 23
257 Gln Leu Pro Pro Pro Ala Ala Pro Ala
258 1 5
261 <210> SEQ ID NO: 24
262 <211> LENGTH: 9
263 <212> TYPE: PRT
264 <213> ORGANISM: EBV
266 <400> SEQUENCE: 24
267 Ser Met Pro Glu Leu Ser Pro Val Leu
268 1 5
271 <210> SEQ ID NO: 25
272 <211> LENGTH: 9
273 <212> TYPE: PRT
274 <213> ORGANISM: EBV
276 <400> SEQUENCE: 25
277 Asp Leu Asp Glu Ser Trp Asp Tyr Ile

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Input Set : A:\MANNK.001CP2.TXT

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278 1 5
281 <210> SEQ ID NO: 26
282 <211> LENGTH: 9
283 <212> TYPE: PRT
284 <213> ORGANISM: EBV
286 <400> SEQUENCE: 26
287 Pro Leu Pro Cys Val Leu Trp Pro Val
288 1 5
291 <210> SEQ ID NO: 27
292 <211> LENGTH: 9
293 <212> TYPE: PRT
294 <213> ORGANISM: EBV
296 <400> SEQUENCE: 27
297 Ser Leu Glu Glu Cys Asp Ser Glu Leu
298 1 5
301 <210> SEQ ID NO: 28
302 <211> LENGTH: 9
303 <212> TYPE: PRT
304 <213> ORGANISM: EBV
306 <400> SEQUENCE: 28
307 Glu Ile Lys Arg Tyr Lys Asn Arg Val
308 1 5
311 <210> SEQ ID NO: 29
312 <211> LENGTH: 9
313 <212> TYPE: PRT
314 <213> ORGANISM: EBV
316 <400> SEQUENCE: 29
317 Gln Leu Leu Gln His Tyr Arg Glu Val
318 1 5
321 <210> SEQ ID NO: 30
322 <211> LENGTH: 9
323 <212> TYPE: PRT
324 <213> ORGANISM: HCV-1
326 <400> SEQUENCE: 30
327 Leu Leu Gln His Tyr Arg Glu Val Ala
328 1 5
331 <210> SEQ ID NO: 31
332 <211> LENGTH: 9
333 <212> TYPE: PRT
334 <213> ORGANISM: EBV
336 <400> SEQUENCE: 31
337 Leu Leu Lys Gln Met Cys Pro Ser Leu
338 1 5
341 <210> SEQ ID NO: 32
342 <211> LENGTH: 9
343 <212> TYPE: PRT
344 <213> ORGANISM: EBV
346 <400> SEQUENCE: 32
347 Ser Ile Ile Pro Arg Thr Pro Asp Val

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RAW SEQUENCE LISTING ERROR SUMMARY

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:142; Xaa Pos. 4,8

Seq#:359; Xaa Pos. 4,8

Seq#:540; Xaa Pos. 1

Seq#:552; Xaa Pos. 2,4,5,6,7,8

Seq#:554; Xaa Pos. 4,5,6,7,8

Seq#:555; Xaa Pos. 5,6,7,8

Seq#:556; Xaa Pos. 6,7,8

Seq#:557; Xaa Pos. 7,8

Seq#:558; Xaa Pos. 8

VERIFICATION SUMMARY

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Input Set : A:\MANNK.001CP2.TXT

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L:1452 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:142 after pos.:0
L:3627 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:359 after pos.:0
L:5442 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:540 after pos.:0
L:5567 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:552 after pos.:0
L:5592 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:554 after pos.:0
L:5607 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:555 after pos.:0
L:5622 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:556 after pos.:0
L:5637 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:557 after pos.:0
L:5652 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:558 after pos.:0